

IN THE SPECIFICATION:

On page 1, before paragraph [0001.], insert: --Field of the Invention--.

On page 1, before paragraph [0002.], insert: --Background--.

On page 2, before paragraph [0008.], insert: --Summary of the Invention--.

On page 8, before paragraph [0031.], insert: --Brief Description of the Figures--.

On page 9, before paragraph [0032.], insert: --Detailed Description of the Invention--.

IN THE CLAIMS:

Cancel claims 1-17 without prejudice.

Add new claims 18 - 34.

18. (New) A method for programming motion controllers, wherein graphical elements, comprising control structures and function blocks, are linked using a graphical editor to form a motion control flowchart represented on a display device, comprising the steps of: providing a plurality of structured text subprograms; and converting the structured text subprograms to a plurality of corresponding graphical elements comprising function interfaces corresponding to the respective structured text subprogram.
19. (New) The method according to claim 18, further comprising the steps of:
- generating a structured textual language from the flowchart,
 - converting the structural textual language in a processor-independent pseudo-code,
 - loading the processor-independent pseudo-code into the controller,
 - converting the processor-independent pseudo-code into executable processor code.